

DS-MPE-GE210 PCIe MiniCard Gigabit Ethernet Module**FEATURES**

- 1 Gigabit Ethernet port
- Wake on LAN
- 4 status LEDs
- +3.3VDC input power
- Latching connectors for increased ruggedness
- Drivers for Windows 7, XP and Linux 2.6
- Operating temperature -40°C to +85°C
- PCIe MiniCard full size form factor (50.95 x 30mm)

**Panel-mountable cable included**

The DS-MPE-GE210 is a rugged, low cost Gigabit Ethernet PCIe MiniCard module that is ideal for adding an extra Ethernet port to any system in embedded and OEM applications.

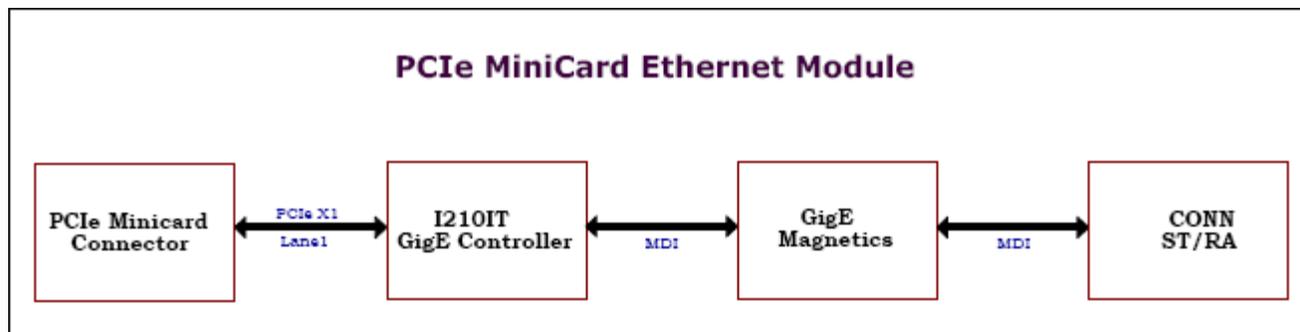
It provides a convenient, compact, cost-effective means to add an extra gigabit Ethernet port to your embedded system. The Intel 210IT Ethernet controller provides 10/100/1000Mbps operating speed with industrial temperature range capability. The module includes link and speed LEDs as well as latching connectors for enhanced ruggedness. Wake-on-LAN functionality is supported.

Extended temperature capability (-40°C to +85°C) enables the board to operate in environments with extreme temperature swings, such as vehicles or outdoor installations.

The DS-MPE-GE210 product comes with the PCIe MiniCard hardware assembly, one gigabit Ethernet

cable, and a hardware kit containing mounting screws.

◆ Block Diagram



◆ Specifications

Number ports	1 10/100/1000Mbps Ethernet
Wake on LAN	Yes
Status LEDs	Link Activity 100 speed 1000 speed
Input power	+3.3VDC +/-5%
Power consumption	0.46W @ 3.3V
Software drivers	Windows 7, XP Linux 2.6.16, 2.6.27, 2.6.31, 2.6.32
Form Factor	PCIe MiniCard full size
Dimensions	50.95 x 30mm (2 x 1.18")
Operating temperature	-40°C to +85°C
Operating humidity	5% to 95% noncondensing
MTBF	tbd
Weight	8.5g (0.3oz)
RoHS	Compliant

◆ Models and Accessories

DS-MPE-GE210

available models:

DS-MPE-GE210 PCIe Minicard Gigabit Ethernet Module, wide temperature Available

Please login or signup for an online quote request.

www.diamondsystems.com | Sunnyvale, California USA | +1-650-810-2500 | sales@diamondsystems.com